[0098] What is claimed is:

1. A database comprising:

a signal-strength value for a first signal for each of a plurality of locations; and

a geometry-of-arrival value for a second signal for each of said plurality of locations.

2. The database of claim 1 wherein said geometry-of-arrival value is an angle-of-arrival.

3. The database of claim 1 wherein said geometry-of-arrival value is a time-of-arrival.

4. The database of claim 1 wherein said geometry-of-arrival value is a time-difference-of-arrival.

5. The database of claim 1 wherein said second signal is transmitted by an Earth satellite.

6. The database of claim 1 wherein said database is a relational database, and wherein each of said plurality of locations is associated with a respective row in a table, and wherein said row stores at least one of:

      the coordinates of the location;

      the signal-strength value for the location; and

      the geometry-of-arrival value for the location.

7. The database of claim 1 wherein said signal-strength values are stored in a first multi-dimensional array, and wherein said geometry-of-arrival values are stored in a second multi-dimensional array, and wherein said first multi-dimensional array and said second multi-dimensional array are indexed based on said plurality of locations.

8. The database of claim 1 further comprising a signal-strength value for a third signal at each of said plurality of locations.

9. The database of claim 1 further comprising a geometry-of-arrival value for a third signal at each of said plurality of locations.

10. A database comprising:

a signal-strength value for a first signal for each of a plurality of locations; and

a geometry-of-arrival value for a second signal as transmitted from each of said plurality of locations.

11. The database of claim 10 wherein said geometry-of-arrival value is an angle-of-arrival.

12. The database of claim 10 wherein said geometry-of-arrival value is a time-of-arrival.

13. The database of claim 10 wherein said geometry-of-arrival value is a time-difference-of-arrival.

14. The database of claim 10 wherein said database is a relational database, and wherein each of said plurality of locations is associated with a respective row in a table, and wherein said row stores at least one of:

> the coordinates of the location;
>
> the signal-strength value for the location; and
>
> the geometry-of-arrival value for the location.

15. The database of claim 10 wherein said signal-strength values are stored in a first multi-dimensional array, and wherein said geometry-of-arrival values are stored in a second multi-dimensional array, and wherein said first multi-dimensional array and said second multi-dimensional array are indexed based on said plurality of locations.

16. The database of claim 10 further comprising a plurality of signal-strength values for a third signal at each of said plurality of locations.

17. A method comprising:

(a) receiving a signal-strength value for a first signal at a plurality of locations;

(b) receiving a geometry-of-arrival value for a second signal at said plurality of locations;

(c) storing said signal-strength values in a database; and.

(d) storing said geometry-of-arrival values in said database.

18. The method of claim 17 wherein said database is a relational database, and wherein (c) and (d) comprise populating rows in a table, and wherein each of said rows is associated with a respective one of said locations, and wherein said row stores at least one of:

> the coordinates of the location;
>
> the signal-strength value for the location; and
>
> the geometry-of-arrival value for the location.

19. The method of claim 17 wherein said signal-strength values are stored in a first multi-dimensional array, and wherein said geometry-of-arrival values are stored in a second multi-dimensional array, and wherein said first multi-dimensional array and said second multi-dimensional array are indexed based on said plurality of locations.

20. The method of claim 17 wherein said geometry-of-arrival value is an angle-of-arrival.

21. The method of claim 17 wherein said geometry-of-arrival value is a time-of-arrival.

22. The method of claim 17 wherein said geometry-of-arrival value is a time-difference-of-arrival.

23. The method of claim 17 wherein said second signal is transmitted by an Earth satellite.

24. The method of claim 17 further comprising:

interpolating a signal-strength value for said first signal at a location; and

storing said signal-strength value in said database.

25. The method of claim 17 further comprising:

interpolating a geometry-of-arrival value for said second signal at a location; and

storing said geometry-of-arrival value in said database.

26. A method comprising:

(a) receiving a signal-strength value for a first signal at a plurality of locations;

(b) receiving a geometry-of-arrival value for a second signal as transmitted from said plurality of locations;

(c) storing said signal-strength values in a database; and.

(d) storing said geometry-of-arrival values in said database.

27. The method of claim 26 wherein said database is a relational database, and wherein (c) and (d) comprise populating rows in a table, and wherein each of said rows is associated with a respective one of said locations, and wherein said row stores at least one of:

the coordinates of the location;

the signal-strength value for the location; and

the geometry-of-arrival value for the location.

28. The method of claim 26 wherein said signal-strength values are stored in a first multi-dimensional array, and wherein said geometry-of-arrival values are stored in a second multi-dimensional array, and wherein said first multi-dimensional array and said second multi-dimensional array are indexed based on said plurality of locations.

29. The method of claim 26 wherein said geometry-of-arrival value is an angle-of-arrival.

30. The method of claim 26 wherein said geometry-of-arrival value is a time-of-arrival.

31. The method of claim 26 wherein said geometry-of-arrival value is a time-difference-of-arrival.

32. The method of claim 26 further comprising:
interpolating a signal-strength value for said first signal at a location; and
storing said signal-strength value in said database.

33. The method of claim 26 further comprising:
interpolating a geometry-of-arrival value for said second signal transmitted from a location; and
storing said geometry-of-arrival value in said database.

34. A method comprising:
(a) receiving a signal-strength value for a first signal;
(b) receiving a geometry-of-arrival value for a second signal;
(c) selecting one of a plurality of locations based on said signal-strength value, said geometry-of-arrival value, and a database that associates locations with signal-strength values and geometry-of-arrival values.

35. The method of claim 34 wherein (c) comprises finding the location in said database with signal strength and geometry-of-arrival values closest to the signal strength and geometry-of-arrival values received in (a) and (b).

36. The method of claim 35 wherein (c) is based on a Euclidean norm.

37. The method of claim 34 wherein said geometry-of-arrival value is an angle-of-arrival.

38. The method of claim 34 wherein said geometry-of-arrival value is a time-of-arrival.

39. The method of claim 34 wherein said geometry-of-arrival value is a time-difference-of-arrival.